



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **SANADA, Yukitoshi**

Group Art Unit: **2611**

Serial No.: **10/643,148**

Examiner: **PATEL, Jayanti K.**

Filed: **August 19, 2003**

P.T.O. Confirmation No.: **3546**

For: **UWB TRANSMITTER AND RECEIVER**

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

June 5, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.



The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,
HANSON & BROOKS, LLP
James E. Armstrong
James E. Armstrong, IV
Attorney for Applicant
Reg. No. 42,266



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PATENT TRADEMARK OFFICE

JAM/rk
Atty. Docket No. **031017**
Suite 1000
1725 K Street, N.W.
Washington, D.C. 20006
(202) 659-2930

Enclosures: PTO-1449 and references (5)



**INFORMATION
DISCLOSURE
CITATION
PTO-1449**

Atty. Docket No. 031017	Serial No. 10/643,148
Applicant(s): SANADA, Yukitoshi	
Filing Date: August 19, 2003	Group Art Unit: 2611

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	2003/0186713 Sugaya, et al.	10/02/2003			
_____	AB					
_____	AC					
_____	AD					
_____	AE					

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
_____	AF 2003-152594	05/23/2003	Japan	Yes, abstract and machine translated claims and specification.
_____	AG 2003-258812 (Corresponding Japanese patent application of Ref. AA.)	09/12/2003	Japan	Yes, abstract and machine translated claims and specification.
_____	AH 01/73965	10/04/2001	PCT	
AI				

OTHER DOCUMENTS

_____	AJ	SANADA, Yukitoshi; "Proposal of a Pulse Position Controlled DS-UWB System;" 2002 <i>Engineering Sciences Society Conference of IEICE</i> ; p.105, A-5-9; August 2002.
Examiner _____		Date Considered _____